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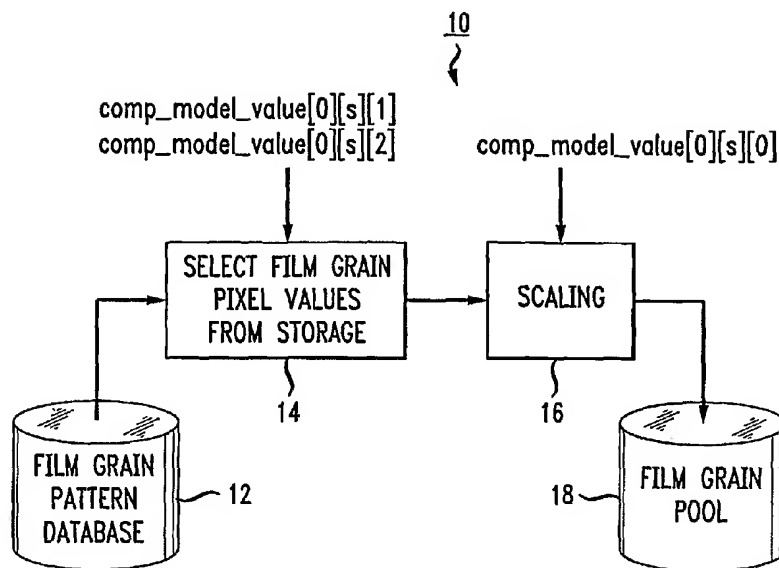
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(54) Title: TECHNIQUE FOR FILM GRAIN SIMULATION USING A DATABASE OF FILM GRAIN PATTERNS



(57) Abstract: Individual pixels in an image block undergo blending with film grain from a film grain block randomly selected from among a pool (18) of previously established film grain blocks in accordance with a luma characteristic of the image block. Prior to blending, the selected film grain block undergoes deblocking by a deblocking filter (28). Following blending, a clipper (32) clips the individual pixels prior to display. The pool(18) of film grain blocks is created by scaling a set of film grain patterns in accordance with at least one parameter of a film grain information message that accompanies the image block.



FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
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